

09699650_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09699650 on April 05, 2005

Original Classifications

4 711/118
3 709/203
2 345/10
2 711/128
2 711/133

Cross-Reference Classifications

3 711/133
3 711/134
3 711/136
3 711/138
3 711/145
2 219/445.1
2 219/448.12
2 707/104.1
2 707/200
2 709/217
2 709/218
2 709/219
2 711/142
2 711/143
2 711/144
2 711/167

Combined Classifications

5 711/118
5 711/133
3 709/203
3 709/219
3 711/134
3 711/136
3 711/138
3 711/145
2 126/39BA
2 219/445.1
2 219/448.12
2 345/10
2 707/104.1
2 707/200
2 709/217
2 709/218
2 711/111
2 711/128

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2 711/142
2 711/143
2 711/144
2 711/167

09699650_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09699650 on April 05, 2005

5 711/118 (4 OR, 1 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY

711/100 STORAGE ACCESSING AND CONTROL

711/117 .Hierarchical memories

711/118 ..Caching

5 711/133 (2 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY

711/100 STORAGE ACCESSING AND CONTROL

711/117 .Hierarchical memories

711/118 ..Caching

711/133 ...Entry replacement strategy

3 709/203 (3 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/201 DISTRIBUTED DATA PROCESSING

709/203 .Client/server

3 709/219 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/217 REMOTE DATA ACCESSING

709/219 .Accessing a remote server

3 711/134 (0 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY

711/100 STORAGE ACCESSING AND CONTROL

711/117 .Hierarchical memories

711/118 ..Caching

711/133 ...Entry replacement strategy

711/134Combined replacement modes

3 711/136 (0 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY

711/100 STORAGE ACCESSING AND CONTROL

711/117 .Hierarchical memories

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711/118 ..Caching
711/133 ...Entry replacement strategy
711/136Least recently used

3 711/138 (0 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching
711/138 ...Cache bypassing

3 711/145 (0 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching
711/141 ...Coherency
711/145Access control bit

2 126/39BA (1 OR, 1 XR)

Class 126 : STOVES AND FURNACES
126/99R HOT-AIR FURNACES
126/1R .Cooking
126/55 ..Combined base and hot closet
126/39R ...Gas
126/39BAElectric features

2 219/445.1 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING
219/260 .Resistive element: igniter type
219/385 .Combined with container, enclosure, or support
for material to be heated
219/443.1 ..Exposed horizontal planar support surface for
material to be heated (e.g., hot plate, etc.)
219/445.1 ...With indicator

2 219/448.12 (0 OR, 2 XR)

Class 219 : ELECTRIC HEATING
219/260 .Resistive element: igniter type
219/385 .Combined with container, enclosure, or support
for material to be heated
219/443.1 ..Exposed horizontal planar support surface for

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r
 material to be heated (e.g., hot plate,
 etc.)
 219/446.1 ...Having sensor
 219/448.11Responsive to temperature
 219/448.12Having microprocessor to control output o
 f
 the heating device

2 345/10 (2 OR, 0 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
 INTERFACE PROCESSING, AND SELECTIVE VISUAL
 DISPLAY
 SYSTEMS
 345/10 DATA RESPONSIVE CRT DISPLAY CONTROL

2 707/104.1 (0 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/100 DATABASE SCHEMA OR DATA STRUCTURE
 707/104.1 .Application of database or data structure
 (e.g., distributed, multimedia, image)

2 707/200 (0 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/200 FILE OR DATABASE MAINTENANCE

2 709/217 (0 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/217 REMOTE DATA ACCESSING

2 709/218 (0 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/217 REMOTE DATA ACCESSING
 709/218 .Using interconnected networks

2 711/111 (1 OR, 1 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/101 .Specific memory composition
 711/111 ..Accessing dynamic storage device

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2 711/128 (2 OR, 0 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/128 ...Associative

2 711/142 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/141 ...Coherency
 711/142Write-through

2 711/143 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/141 ...Coherency
 711/143Write-back

2 711/144 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/141 ...Coherency
 711/144Cache status data bit

2 711/167 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/167 .Access timing

able 1
about 11
above 10
abstract 1
ac 14
access 17
accessed 1
accesses 1
accompanying 1
accomplished 4
accordance 10
according 3
accumulated 2
ace 1
actual 1
actually 3
ad 2
adapters 1
additional 4
additionally 2
address 1
addresses 6
adjacent 1
adrian 1
after 1
again 1
aii 1
aimed 1
air 1
airlink 1
al 3
algorithms 2
all 9
allocated 1
allows 3
along 3
also 18
altemative 3
alternating 1
alternatively 3
although 1
altogether 1
among 1
amount 2
amplifies 1
an 90
analo 1
analog 11

and 179
annlications 1
another 5
antenna 13
antennas 1
any 9
apparatus 5
apparent 2
applicability 1
applicable 1
application 8
applications 2
applied 1
appropriate 5
approximately 11
april 1
architecture 2
architectures 3
ard 2
are 37
area 2
areas 2
arrangement 2
art 7
as 64
asic 2
assembled 1
associated 7
at 22
audio 54
audiovisual 10
automatically 1
available 9
back 8
background 9
backoround 1
band 24
bands 1
bandwidth 1
based 6
be 86
become 3
been 4
before 1
begin 1
beginning 1
begins 6
being 11

belongs 1
below 1
benefit 1
between 7
billed 3
bit 3
bitrate 5
bitrates 1
bits 3
bitstream 7
bitstreams 6
block 10
blocking 1
bloccr 1
bossard 1
both 4
boundary 2
box 8
brief 1
broadband 6
broadcast 23
broadcasts 1
browser 1
buffer 7
buffered 3
buffers 4
burden 1
bus 14
but 5
by 32
byte 2
bytes 6
cabl 1
cable 7
cache 2
cached 1
caching 10
called 3
can 13
capable 3
capacity 1
card 1
carrier 6
category 1
cd 1
cedain 1
cell 2
cellular 3

cess 1
changes 1
channel 7
channels 10
chip 4
chips 1
chipsk 1
cient 1
ciently 1
circuit 5
circuitry 5
circuits 1
circular 2
claims 2
clalms 1
clarity 1
coaxial 1
coded 1
codes 1
coding 1
collectively 1
color 1
colors 1
combined 2
commercial 1
committee 1
commonly 1
communication 1
communications 1
compiles 1
complete 2
compliant 1
componeit 1
component 3
components 5
composite 1
compre 1
compressed 4
compression 2
comprise 2
computer 3
conditional 14
configuration 2
configured 2
conn 1
connect 1
connected 12
connection 3

connections 1
consolidated 6
constraiits 1
construct 2
constructed 5
construction 2
consumers 1
contain 2
containing 1
contains 2
contents 1
continental 1
continuity 3
control 9
controlled 1
controller 1
controllers 2
controls 3
conveded 2
conveder 4
conveds 1
conveniënce 2
conveniently 1
conventional 10
conversion 2
converter 1
converts 3
convolution 1
copy 3
core 1
correction 5
correspo 1
correspond 1
corresponds 1
could 2
counter 3
coupled 2
course 3
covers 1
crypto 1
currently 1
dac 4
dash 1
dashed 2
data 127
dation 1
de 6
decide 2

decode 2
decoded 5
decoder 37
decoders 3
decodes 1
decoding 1
decompress 1
decompression 4
decrypt 2
decrypted 7
decryption 4
ded 2
defines 1
definition 3
delivering 1
delivers 2
demo 1
demodulator 6
depature 1
depending 4
der 2
ders 1
described 11
descrintion 1
description 7
designated 1
desired 7
destinations 2
detail 1
detailed 5
determines 2
developed 2
devi 1
device 23
devices 7
devicets 1
di 1
diagram 7
different 5
digital 48
digitally 2
digitized 1
dilerent 1
ding 1
direct 6
directed 1
direction 1
directly 1

directvtm 1
disc 2
discemable 1
disclosed 2
disclosure 1
discussed 2
dish 9
disk 2
dispensed 1
display 22
displayed 2
distributes 1
distribution 10
diversity 1
divided 1
dkt 20
dma 1
dolby 1
dolbytm 2
dominant 1
done 1
doubling 1
down 7
downconveder 3
downlink 2
downlinks 1
downward 1
drawings 1
drawinns 1
drive 3
dulator 1
dvb 2
dvhs 1
dvr 11
dwelling 1
each 13
eadh 2
earlier 1
earth 3
effedively 1
efficiently 1
either 1
electronic 1
eliminated 2
embodied 4
embodiment 13
embodiments 1
en 1

enable 1
enabling 1
encodation 3
encode 2
encoded 11
encoder 13
encoders 3
encodes 1
encoding 1
encrwted 1
encrypted 17
encryption 1
end 3
entertainment 1
entire 2
entitled 2
envisioned 1
equally 1
equippe 1
equipped 7
error 5
essentially 1
et 2
etc 2
europe 1
event 30
events 16
eventual 2
eventually 1
example 19
examples 1
exchange 1
exemplae 1
exemplary 16
exist 1
exp 1
exped 2
explained 1
extemal 12
external 4
facility 4
fact 1
fcm 1
fec 7
fed 4
feeds 1
fiber 1
field 1

fig 16
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figure 19
filed 2
filters 1
find 2
first 2
five 1
fixed 2
flags 2
flash 1
flexibility 1
flexibly 1
flow 8
fo 2
following 1
footprint 1
for 80
form 1
format 5
formats 2
forth 1
four 4
frame 3
frames 3
free 2
frequencies 5
frequency 16
from 40
front 3
fudher 4
fully 1
fun 1
functions 6
further 5
furthermore 3
future 2
gaske 1
gbytes 4
general 7
generally 4
geo 1
geographic 4
geographically 1
geosynchronous 2
ghz 10
given 6

gl 1
graphical 1
graphics 1
group 2
guide 8
half 6
hand 2
handling 1
hard 3
has 4
have 5
having 5
hdd 15
hdw 2
he 1
header 2
here 1
herein 1
hereinafter 4
hereinbelow 1
hi 1
high 1
highlight 1
hns 20
hold 1
holds 1
homes 1
host 19
hour 3
how 2
however 4
iained 1
iand 2
iarge 1
iater 4
iatter 1
iayback 2
iayer 2
id 1
identical 2
identifies 3
identify 1
ideo 1
ieast 2
ieft 1
iess 1
ievel 1
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iike 1
iimited 2
iine 2
iines 5
iisten 1
iisting 1
ij 3
ik 1
ikl 1
il 2
ilj 1
illustrated 2
illustrates 7
illustrating 2
illustration 2
ilt 1
implement 1
implementation 4
implemented 2
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includ 1
include 16
included 3
includes 12
including 13
incoming 2
incorporated 1
increments 1
indicate 3
indicated 1
indicating 1
indicator 1
individual 10
individually 1
industry 1
inform 1
information 12
informs 1
ing 1
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input 8
inputs 1
inside 1
instead 1
instructed 1
instruction 1
instructs 1
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integrate 1
integrated 5
intel 1
intemal 1
intended 1
intents 1
interchangeable 1
interconnect 2
interest 1
interface 29
interference 1
interlaced 1
intermediate 2
intermix 1
interrupt 1
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iocation 2
iocations 2
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its 1
iver 1
jl 2
jln 1
jlp 1
ka 1
kbps 5
key 2
khownd 1
ki 1
known 8
ku 6
landmbased 1
large 1

later 5
layer 2
least 1
left 1
less 1
lf 1
lhcp 4
limitative 1
limited 3
line 1
lines 2
lj 1
lmds 2
ln 7
lnb 5
locations 2
logic 1
lor 1
low 1
lr 1
lt 1
lwu 1
lz 1
made 3
magnetic 1
main 1
make 1
manner 5
manners 1
many 6
mass 2
materials 1
maximum 5
may 88
mbps 5
me 1
medium 12
memol 1
memories 1
memory 19
mentioned 3
menu 1
method 5
mhz 4
micro 1
microprocessor 5
microprocessors 1
miie 1

mile 1
million 1
minutes 1
mips 1
mixed 1
mmds 2
mode 2
modifications 2
modul 1
modulated 9
modulates 1
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monitors 1
month 1
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moreover 1
most 1
motion 2
move 1
mpe 1
mpeg 32
mpegq 3
mponents 1
ms 1
much 1
multi 3
multiple 2
multiplexed 2
multiplexing 2
must 5
nals 1
namely 1
national 1
nditional 1
ne 1
necessary 1
need 5
needed 2
next 5
ng 1
nmpeg 3
no 23
noise 1
non 1
not 26
noted 2
november 1

now 6
ntsc 9
number 7
numerals 1
numerous 1
nv 7
obvious 2
occurs 1
odu 5
of 164
off 1
on 34
once 1
one 19
only 4
ons 1
onto 3
operating 1
operation 7
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optical 1
optics 1
option 4
optional 1
optionally 1
or 70
orded 1
order 5
original 8
ork 1
othe 1
other 19
otherwise 1
outdoor 2
outlined 1
output 15
outputs 2
over 6
overall 2
overhead 1
packages 2
packet 15
packetized 6
packets 21
pad 1
padicular 2
padicularly 2
page 20

pal 5
parabolic 1
parallel 1
parameters 2
part 2
particular 5
particularly 1
passed 3
passes 1
patent 2
path 2
pathway 1
paul 1
pause 1
pay 5
payload 3
payloads 3
pays 1
pc 1
pci 13
pcl 2
pd 20
pentiumtm 1
per 8
perform 2
performed 3
performing 2
performs 3
period 2
peripheral 4
peripherals 1
phase 1
phcp 1
picture 1
pidure 1
place 1
placed 1
playback 17
playing 2
plurality 6
pod 1
podable 1
podion 4
pods 1
point 7
pointed 1
pointers 1
polarization 1

polarizations 1
polarizgtion 1
port 6
possible 1
potential 1
power 2
ppv 50
practice 1
preferably 9
preferred 3
preseni 1
present 17
presented 1
prevent 1
previously 7
primarily 1
priority 1
proc 1
procedure 2
process 2
processed 2
processing 3
processor 44
processors 1
program 13
programm 1
programming 35
programs 4
propagation 2
protected 2
protection 3
provide 1
provided 8
provider 1
provides 2
provisional 2
pumoses 1
purpose 1
queue 1
radius 2
ram 1
range 1
ranges 1
ranging 1
rate 1
rating 1
rdable 1
rded 1

re 5
rea 1
reads 1
real 3
rebroadcast 1
rebroadcasts 1
receive 8
received 16
receiver 12
receivers 1
receives 8
receiving 5
reception 5
record 6
recorded 12
recorder 5
recording 16
records 1
recreate 2
recreates 1
ref 20
referen 1
reference 2
referred 2
referring 1
refresh 1
regarded 1
regarding 2
regardless 1
region 1
related 5
relates 2
relatively 2
relayed 1
rely 1
remainder 1
remote 3
removed 2
repeated 2
replaced 3
replayed 1
reproduction 1
required 2
requirements 1
resolution 1
respectively 1
responsible 1
rest 1

result 1
retrieved 3
rf 1
rhcp 3
right 1
risc 1
rl 1
rocessor 1
rom 1
routed 1
rp 1
rresponding 1
rt 3
runs 1
same 6
satellite 44
satellites 5
scale 1
scheduling 1
scheme 1
scid 4
scope 4
screen 1
screens 1
sdram 31
sdrams 3
searches 5
secam 4
second 3
section 1
see 1
seen 1
selected 10
selection 4
selects 3
seleds 1
send 1
sends 2
sent 18
separate 6
separately 2
sequential 1
sequentially 1
seri 1
serial 1
serves 1
service 1
serving 1

set 13
setdop 2
setting 1
setup 1
seventeen 1
she 1
shifted 4
shifts 3
shiq 1
shiqs 1
short 2
should 1
show 1
showing 2
shown 16
shows 2
side 1
signal 33
signals 31
similar 3
similarfashion 1
similarly 1
simultaneously 1
since 1
single 7
sion 1
skilled 2
small 1
smaller 1
so 6
some 4
sometimes 1
sound 1
source 1
sources 1
space 14
spdif 1
specific 5
specifically 1
specifications 1
spirit 2
spre 1
ssor 1
stad 1
stamped 2
stamps 2
standard 7
standards 5

start 3
states 2
stati 2
station 5
stations 5
status 11
stb 61
stick 1
still 2
storage 17
stored 12
stores 2
storing 2
stream 14
strip 1
su 1
subjected 2
subscribers 1
subsequently 1
subsumed 1
such 27
sufficient 1
suitable 1
sul 1
sumcient 1
summa 1
summarizing 1
support 1
synchronous 1
system 31
systems 12
tape 1
technical 1
technique 1
techniquels 1
techniques 3
technology 2
telephone 1
television 26
temporarily 2
ten 1
termed 1
terms 2
terrestrial 1
than 3
that 41
the 540
their 2

them 2
then 19
there 1
thereafter 2
thereby 1
therein 3
thereto 2
therewith 1
these 4
they 1
thidy 1
third 1
this 26
those 4
three 1
through 3
thus 4
time 23
timer 1
times 1
timing 3
tion 1
tll 1
to 194
together 1
top 6
toward 3
transfers 6
transmission 4
transmit 7
transmits 7
transmitted 9
transmitters 3
transmitting 5
transp 1
transpod 14
transponder 15
transport 14
tream 1
tst 1
ttk 1
ttl 1
tty 1
tum 1
tums 1
tuner 3
tunes 3
turn 1

turns 1
tv 1
twelve 1
two 2
ty 1
type 8
types 1
typically 6
ultimately 1
under 1
understood 3
unique 1
uniquely 1
unit 5
united 2
units 4
unnecessarily 1
until 5
uojoj 1
up 7
upcoming 3
uplin 1
uplink 9
uplinked 2
uplinks 1
upon 2
urse 1
us 1
usable 1
use 6
used 11
useful 1
user 25
users 2
uses 2
using 6
usually 1
ut 1
utilized 7
utilizes 1
value 1
variations 1
varied 1
various 7
vhs 1
via 17
viable 1
vid 1

video 64
view 10
viewed 1
viewer 11
viewing 3
virtual 2
visual 2
wait 2
wants 1
was 1
watch 2
watching 1
waveforms 1
way 3
ways 1
week 2
well 3
when 21
where 2
whereas 1
wherein 1
whether 4
which 39
while 5
wide 2
will 9
wire 1
wireless 7
wishes 1
wit 1
with 51
within 19
without 1
word 8
words 4
world 1
would 3
wrapper 1
yap 1
yma 1